

0004



Canyon Fuel
Company, LLC.
Sufco Mine

A Subsidiary of Arch Western Bituminous Group, LLC.

C/041/002 Incoming OK

Ken May, General Manager
397 South 800 West
Salina, UT 84654
(435) 286-4400 - Office
(435) 286-4499- Fax

March 6, 2008

Permit Supervisor
Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: MRP Side-by-Side Response, Canyon Fuel Company, LLC, SUFCO Mine C/041/002

Dear Permit Supervisor:

The enclosed eight copies of the MRP Side-by-Side Response are being submitted in response to the Division side-by-side email request dated February 20, 2008. Attached are DOGM forms C-1 and C-2 and appropriate pages.

The requested items are listed below:

1. Provide a C1C2 requesting to add the tab information on the cover and spines of the confidential binders of the MRP. Ex:

MRP CONFIDENTIAL BINDER

Vol 1

Chap 3, 5

Append for Chap 3

Vol 2

Append for Chap 6

Vol 3

Append for Chap 6

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Response: New MRP Binder cover and spine inserts have been provided. Index and appropriate pages in the text on pages 6-ii, 7-vi, 7-vii, 7-48, 8-ii and 9-ii in Volume 2 of MRP have been updated to reflect the changes made to the location of Appendixes in the binders. Most of the Appendix pages for Chapter 6 were removed from the Sufco MRP Binders Volume 7 and 8 because of their confidential status and placed in the MRP Confidential Binder Volumes 2 and 3 located in Salt Lake City in 2005. The remaining Appendix tabs and pages for Chapter 6 in the old Volumes 7 and 8 need to be relocated to Volume 6. Old Volume 9 changed to Volume 7, old Volume 10 changed to Volume 8, and old Volume 11 changed to Volume 9.

2. Provide a C1C2 requesting to relocate the documents from MRP CONFIDENTIAL BINDER Vol 3, "Annual Reports" to 7 individual folders marked - ANNUAL REPORT CONFIDENTIAL DOCUMENTS 1997, 1998, 2000, 2001, 2002, 2003, 2004. The mine lead will place the applicable documents in the individual folders and file them in the appropriate year in Incoming of the confidential area of the PIC.

Response: Seven new Annual Report Confidential Document folders are attached to this amendment. Sufco requests that the confidential documents from MRP Confidential binder Volume 3, "Annual Reports" be relocated to the appropriate year individual folders marked 1997, 1998, 2000, 2001, 2002, 2003 and 2004 Annual Report Confidential folders and file them in the confidential area of the PIC.

3. Provide a C1C2 requesting to replace the following report "Muddy Creek Technical Report" July 2004, Cirrus Ecological Solutions (MRP CONFIDENTIAL BINDER Vol 1, Append 4-2) with a full report. The current report only has odd numbered pages or half the written report. Be clear that this report is not for review. It has already been incorporated.

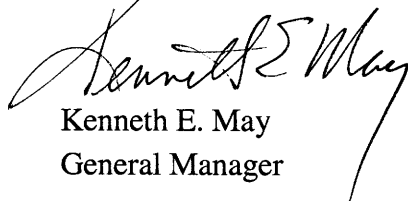
Response: Replace the "Muddy Creek Technical Report: Heritage Resources, Cirrus Ecological Solutions, July 2004 Report" partial one-sided incorporated text pages with the attached new full two-sided incorporated text pages in Appendix 4-2, MRP Confidential Binder Volume 1. This report has already been incorporated and is not for review.

4. Update us that you have added drill logs to your MRP CONFIDENTIAL BINDER Vol 3, Append 6-1. These logs will go at the end of the Appendix. You should have many pages (~1.5" worth) with the first starting with hole 01-7-1 and ending with 03-12-2.

Response: The Drill logs from hole number 01-7-1 to 03-12-2 from the amendment incorporated on 01-20-06 have been added to the end of Sufco MRP CONFIDENTIAL BINDER Volume 3, Appendix 6-1.

If you have any questions or need additional information, please contact Mike Davis at (435) 286-4421.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine



Kenneth E. May
General Manager

Encl.

KEM/MLD:kb

cc: DOGM Price Field Office
DOGM Correspondence File

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APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

Permittee: CANYON FUEL COMPANY, LLC

Mine: SUFCO MINE

Permit Number: C/041/002

Title: MRP Side-by-Side Response

Description, Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- ☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ ☐ increase ☐ decrease.
- ☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# _____
- ☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- ☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
- ☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- ☐ Yes ☒ No 6. Does the application require or include public notice publication?
- ☐ Yes ☒ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- ☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- ☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # _____
- ☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?
- Explain:* _____
- ☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
- ☐ Yes ☒ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- ☐ Yes ☒ No 13. Does the application require or include collection and reporting of any baseline information?
- ☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- ☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
- ☐ Yes ☒ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- ☐ Yes ☒ No 17. Does the application require or include construction, modification, or removal of surface facilities?
- ☐ Yes ☒ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- ☐ Yes ☒ No 19. Does the application require or include certified designs, maps or calculation?
- ☐ Yes ☒ No 20. Does the application require or include subsidence control or monitoring?
- ☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
- ☐ Yes ☒ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- ☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

KENNETH E. MAY, MINE MANAGER
Print Name

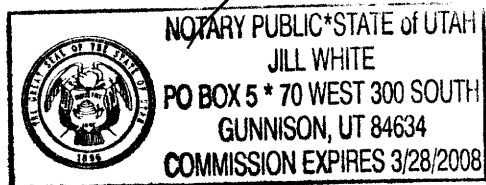
Sign Name, Position, Date

Subscribed and sworn to before me this 6th day of March, 2008

Notary Public

My commission Expires: _____, 20____

Attest: State of _____ } ss:
County of _____ }



For Office Use Only:

Assigned Tracking
Number:

Received by Oil, Gas & Mining

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DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: CANYON FUEL COMPANY, LLC

Mine: SUFCO MINE

Permit Number: C/041/022

Title: MRP Side-by-Side Response - MRP Binders

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Pages 6-iii, 7-vi, 7-vii, 7-74, 8-ii and 9-ii in Volume 2 of MRP.
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Replace MRP Binder cover and spine inserts. The remaining Appendix tabs & pages for Chapter 6 in old Volumes 7 & 8 need to be relocated to Volume 6. Old Volume 9 changed to Volume 7, old Volume 10 changed to Volume 8, and old Volume 11 changed to Volume 9.
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Remove all pages and replace with the incorporated "Confidential Information" sheets in Appendix 6-1 and 6-2 in MRP Binders if they were not already removed as required in 2005.
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Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.

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M&RP TEXT PAGES

REDLINE AND STRIKEOUT FORMAT

(These pages are for review only)

**DO NOT INSERT
THESE TEXT PAGES
IN M&RP**

LIST OF PLATES

Plate

- 6-1 Geology and Drillhole Location Map With Proposed Drill Holes
- 6-2 Geologic Cross Section A-A'
- 6-3 Geologic Cross Section B-B'
- 6-4 Geologic Cross Section C-C'

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- 6-2 Chemical Analyses
- 6-3 Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining

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- 7-5 Climatological Data
- 7-6 Spill Prevention Control and Countermeasure Plan
- 7-7 UPDES Permit
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- 7-9 1979 Merrick and Company Report
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- 7-12 Diversion Ditch Calculations
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- 7-15 Alternative Sediment Control Measures Calculations and Designs
- 7-16 Small Area Exemption Demonstration Calculations
- 7-17 Investigation of Surface and Groundwater Systems in the Vicinity of the SUFCO Mine, Sevier County, Utah: Probable Hydrologic Consequences of Coal Mining at the SUFCO Mine and Recommendations for Surface and Groundwater Monitoring
- 7-18 Investigation of Surface and Groundwater Systems in the Pines Tract Area, Sevier County, Utah: Probable Hydrologic Consequences of Coal Mining in the Pines Tract and Recommendations for Surface and Groundwater Monitoring
- 7-19 Probable Hydrologic Consequences of Longwall Mining of the 3 Left Panel Modification Area at the SUFCO Mine

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- 7-20 Investigation of Surface and Groundwater Systems in the SITLA Muddy Tract Area, Sevier County, Utah: Probable Hydrologic Consequences of Coal Mining in the SITLA Muddy Tract and Recommendations for Surface and Groundwater Monitoring
- 7-21 Muddy Tract Hydrologic Baseline Data (Includes SITLA Tract baseline data)
- 7-22 Investigation Plan for Springs Pines 105, Joes Mill Pond, Pines 310, and 311

From the final analysis of the 25-year, 6-hour storm event, the maximum inflow rate to the sediment trap from storm runoff is 2.0 cubic feet per second (cfs) and the maximum outflow rate from the basin is 2.1 cfs. The corresponding high water level in the sediment trap is 7440.0 feet, 1.6 feet below the top of the concrete structure.

The maximum inflow rate to the primary sedimentation pond is 2.65 cfs and the maximum outflow rate is 2.2 cfs. The corresponding high water level is 7418.35 feet, 0.2 feet above the primary spillway flowline, and 1.65 feet below the minimum embankment elevation of 7420.0.

Details for the concrete sediment trap spillway are presented in Appendix 7-8. Details for the primary and emergency spillways on the sedimentation pond can be found on Plate 7-5.

Waste Rock Disposal Site Sedimentation Pond. The sedimentation pond at the waste rock disposal site will adequately pass the 25-year, 6-hour precipitation event through the primary and emergency spillways. Details regarding the spillway design are located in Volume 3 of this M&RP.

Other Treatment Facilities. There are no other treatment facilities within the mine permit area.

Exemptions. Exemption areas are listed below (see Plate 5-2B):

- The south side of the original substation pad area above the office building. This area is classified as an "Exempt Area". The demonstration for this area is a SEDCAD computer program and is located in Appendix 7-16, ~~Vol. 10~~. The disturbed area is 0.040 acre.
- The spring collection field in Convulsion Canyon. This area is classified as an "Exempt Area". The demonstration for this area is a SEDCAD computer program and is located in Appendix 7-16, ~~Vol. 10~~. The area is fenced to prevent grazing. The disturbed area is 0.39 acre.
- The water tank area northeast of the mine site. This area is classified as an "Exempt Area". The demonstration for this area is a SEDCAD computer program and is located in Appendix 7-16, ~~Vol. 10~~. The disturbed area is 0.193 acre.

The total disturbed area contributing to the East Spring Canyon sedimentation pond is 15.88 acres. The total disturbed area contributing to the waste rock disposal site sedimentation pond is 7.93 acres. The total area for Small Area Exemption (SAE) is 0.623 acres. This is 2.2 percent of 27.78 acres of

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- 9-1 Environmental Assessment for Quitchupah Lease

M&RP TEXT PAGES

CLEAN FORMAT

(Without redline and strikeout)

**INSERT ONLY
THESE NEW TEXT PAGES
IN M&RP**

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SUFCO
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Canyon Fuel Company, LLC
SUFCO Mine

VOLUME
4

Append. for Chapters 1-2

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VOLUME
5

Append. for Chapter 3

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Canyon Fuel Company, LLC
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VOLUME
6

Append. for Chapters 4-6

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Canyon Fuel Company, LLC
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VOLUME
7

Append. #1 for Chapter 7

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VOLUME
8

Append. #2 for Chapter 7

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Canyon Fuel Company, LLC
SUFCO Mine

VOLUME
9

Append for Chapters 8-9

MINING AND RECLAMATION PLAN SUFCO MINE

OPERATED BY



Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 1
Chapters 1-5

MINING AND RECLAMATION PLAN SUFCO MINE

OPERATED BY

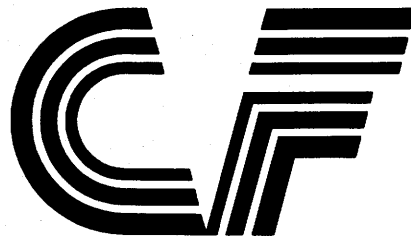


Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 2
Chapters 6-9

MINING AND RECLAMATION PLAN SUFCO MINE

OPERATED BY



Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 3
Waste Rock Disposal Site

MINING AND RECLAMATION PLAN SUFCO MINE

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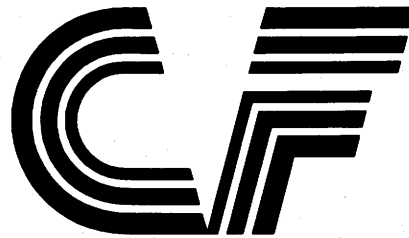


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SUFCO Mine

JANUARY 1992
VOLUME 4
Append. for Chapters 1-2

MINING AND RECLAMATION PLAN SUFCO MINE

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Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 5
Append. for Chapter 3

MINING AND RECLAMATION PLAN SUFCO MINE

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SUFCO Mine

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VOLUME 6
Append. for Chapters 4-6

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SUFCO Mine

JANUARY 1992
VOLUME 7
Append. #1 for Chapter 7

MINING AND RECLAMATION PLAN SUFCO MINE

OPERATED BY



Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 8
Append. #2 for Chapter 7

MINING AND RECLAMATION PLAN SUFCO MINE

OPERATED BY



Canyon Fuel Company, LLC
SUFCO Mine

JANUARY 1992
VOLUME 9
Append. for Chapters 8-9

- CONFIDENTIAL INFORMATION -

Appendix 6-1 "Drill Logs" information has been removed from the M&RP and is located in the Canyon Fuel Company, LLC – Sufco Mine Confidential MRP Binder located at:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

INCORPORATED

AUG 09 2005

DIV OF OIL GAS & MINING

- CONFIDENTIAL INFORMATION -

Appendix 6-2 "Chemical Analyses" information has been removed from the M&RP and is located in the Canyon Fuel Company, LLC – Sufco Mine Confidential MRP Binder located at:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

INCORPORATED

AUG 09 2005

DIV OF OIL GAS & MINING